

## **SECTION 8**

### **REFERENCES**

- ASTM, 1995. E1739-1995 (2002), Standard Guide for Risk-Based Corrective Action Applied at Petroleum Release Sites.
- Berkeley Lab, 1987. Site Development Plan EIR, August (State Clearinghouse No. Berkeley Lab, 1992. Proposed Renewal of the Contract between the United States Department of Energy and The Regents of the University of California for Operation and Management of the Lawrence Berkeley National Laboratory, Supplemental EIR, September (State Clearinghouse No. [19]91093068)
- Berkeley Lab, 1992a. RCRA Facility Assessment at the Lawrence Berkeley Laboratory, Environmental Restoration Program. September 30, 1992.
- Berkeley Lab, 1992b. RCRA Facility Investigation Work Plan for the Lawrence Berkeley Laboratory, Environmental Restoration Program, October 30, 1992.
- Berkeley Lab, 1994a. Draft Final RFI Phase I Progress Report, Environmental Restoration Program, Lawrence Berkeley Laboratory, Berkeley, California, November 1994.
- Berkeley Lab, 1995a. Draft Final RFI Phase II Progress Report, Environmental Restoration Program, Lawrence Berkeley National Laboratory, Berkeley, California, September 1995.
- Berkeley Lab, 1997. Proposed Renewal of the Contract between the United States Department of Energy and The Regents of the University of California for Operation and Management of the Lawrence Berkeley National Laboratory, Supplemental EIR Addendum, September (State Clearinghouse No. [19]91093068).
- Berkeley Lab, 2000. Draft Final RCRA Facility Investigation Report for the Lawrence Berkeley National Laboratory, Environmental Restoration Program, September 2000.
- Berkeley Lab, 2001. Proposal for Revised Groundwater Monitoring Schedule for the Lawrence Berkeley National Laboratory Environmental Restoration Program, Lawrence Berkeley National Laboratory, Berkeley, California, October 2001.
- Berkeley Lab 2002a. RCRA Corrective Measures Study Plan for the Lawrence Berkeley National Laboratory, Environmental Restoration Program, May 2002.
- Berkeley Lab, 2002b. Ecological Risk Assessment for Chemicals for Lawrence Berkeley National Laboratory, Environmental Restoration Program, December 2002.
- Berkeley Lab, 2002c. Characterization Report and Recommendation for Inclusion in Corrective Measure Study for the Building 51L Groundwater Solvent Plume and Source Area soil

Contamination for Lawrence Berkeley National Laboratory, Environmental Restoration Program, April 2002.

Berkeley Lab, 2003a. Human Health Risk Assessment for the Lawrence Berkeley National Laboratory Environmental Restoration Program, May 2003.

Berkeley Lab, 2003b. Revised Notice Of Preparation Draft Environmental Impact Report for the LBNL 2004 Long Range Development Plan, Lawrence Berkeley Laboratory, October 2003.

Berkeley Lab, 2003c. Summary of Radionuclide Investigations for Lawrence Berkeley National Laboratory, September.

California Air Resources Board, 2003. Federal and State Ambient Air Quality Standards.

California Air Resources Board, 2004. Web site at [www.arb.ca.gov](http://www.arb.ca.gov) accessed November.

DOE, 1997. Guidance on National Environmental Policy Act (NEPA) Review for Corrective Actions under the Resource Conservation and Recovery Act (RCRA), Office of NEPA Policy and Assistance. December 23.

DOE 2002. DOE Policies on Application of NEPA to CERCLA and RCRA Cleanup Actions, Office of NEPA Policy and Assistance. July 11.

DTSC, 1991. RCRA Facility Assessment for Lawrence Berkeley Laboratory, Berkeley, California. California Environmental Protection Agency Department of Toxic Substances Control, Region, November 1991.

DTSC, 1993. Hazardous Waste Facility Permit, Owner: United States Department of Energy. Operator: University of California Lawrence Berkeley Laboratory. USEPA ID Number CA4890008986. California Environmental Protection Agency Department of Toxic Substances Control, Region 2. May 4, 1993.

DTSC 2002. Approval of RCRA Corrective Measures Study Plan, Lawrence Berkeley National Laboratory, Berkeley, California, USEPA ID No. CA 4890008985, 27 June 18.

DTSC, 2003a. Approval of Ecological Risk Assessment for the Lawrence Berkeley National Laboratory (LBNL), Berkeley, California, USEPA ID No. CA 489000896. Letter from Salvatore Ciriello (DTSC Standardized Permits and Corrective Action Branch) to Iraj Javandel (Berkeley Lab). April 14, 2003.

DTSC, 2003b. Acceptance of Human Health Risk Assessment for the Lawrence Berkeley National Laboratory Environmental Restoration Program, Lawrence Berkeley National Laboratory, Berkeley, California, USEPA ID No. CA 489000896. Letter from Mohinder Sandhu (Chief Standardized Permits and Corrective Action Branch) to Iraj Javandel (Berkeley Lab). August 19, 2003.

- DTSC, 2005. Initial Study and Tiered Negative Declaration for the Corrective Measures Project at Ernest Orlando Lawrence Berkeley National Laboratory Berkeley, California.
- Johnson, P. C., and Ettinger, R. A., 1991. Heuristic model for predicting the intrusion rate of contaminant vapors into buildings. *Environ. Sci. Technology*, 25:1445-1452.
- McCarty, P.L., 1994, An overview of anaerobic transformation of chlorinated solvents in Symposium on intrinsic bioremediation of ground water: Washington, D.C., U.S. Environmental Protection Agency, EPA 540/R-94/515, p. 135-142.
- Nyer, E. K. and M.E. Duffin. 1997. The State of the Art of Bioremediation. *Ground Water Monitoring and Remediation*. 17(2):64-69.
- Preuss, K., Oldenburg, C., and Moridis, G., 1995. TOUGH2 User's Guide, Version 2.0, Report LBNL-43134, Lawrence Berkeley National Laboratory, Berkeley, California, 1999
- RWQCB, 1995, Water Quality Control Plan, California Regional Water Quality Control Board San Francisco Bay Region.
- RWQCB, 1999. East Bay Plain Groundwater Basin Beneficial Use Evaluation Report, June 1999.
- RWQCB, 2002, Letter from Michael Rochette (RWQCB) to Iraj Javandel (LBNL), File No. 2199.9026 (MBR), August 30, 2002.
- RWQCB, 2003, Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, California Regional Water Quality Control Board San Francisco Bay Region, Interim Final-July 2003, updated 9/4/03.
- Spence, L. R. and Gomez, M. M. 1999, Oakland Risk-Based Corrective Action: Technical Background Document, City of Oakland Environmental Services Division, Updated January 1, 2000.
- USEPA 1989. Risk Assessment Guidance for Superfund: Volume II - Environmental Evaluation Manual. Interim Final. Office of Emergency and Remedial Response. USEPA/540/1-89/001. March 1996.
- USEPA, 1992. Estimating Potential for Occurrence of DNAPL at Superfund Sites, United States R.S. Kerr Office of Solid Waste Publication: 9355.4-07FS.
- USEPA 1993a, Technology Alternatives for the Remediation of PCB-Contaminated Soil and Sediment: Office of Solid Waste and Emergency Response, USEPA/540-S-93-506, October 1993.
- USEPA 1993b, Guidance for Evaluating the Technical Impracticability of Ground-Water Restoration – Interim Final: Office of Solid Waste and Emergency Response Publication 9234.2-25, USEPA/540-R-93-080, PB93-963507, September 1993.

- USEPA, 1994. RCRA Corrective Action Plan. USEPA Office of Solid Waste and Emergency Response, OSWER Directive 9902.3-2A, May 31, 1994. (This document replaces OSWER Directive 9902.3, November 14, 1986.)
- USEPA, 1996a, 1998a, 1999a, and 2000a. Preliminary Remediation Goals (PRGs), United States Environmental Protection Agency, Region IX, 1996 through 2000 versions.
- USEPA 1996b. Soil Screening Guidance: Technical Background Document, USEPA540/R-95/128. May 1996.
- USEPA, 1997. Rules of Thumb for Superfund Remedy Selection. Office of Emergency and Remedial Response, Washington, DC. USEPA 540-R-97-013, OSWER 9355.0-69.
- USEPA, 2001, Handbook of Groundwater Policies for RCRA Corrective Action for Facilities Subject to Corrective Action Under Subtitle C of the Resource Conservation and Recovery Act: Solid Waste and Emergency Response, USEPA530/R-01/015, September 2001.
- USEPA, 2003. User's guide for evaluating subsurface vapor intrusion into buildings, U.S. Environmental Protection Agency Office of Emergency and Remedial Response, June 19, 2003.
- Zhou, Q., Birkholzer, J.T., Javandel, I., and Jordan, P.D., 2004. Numerical simulation of groundwater flow at the LBNL Old Town site in support of remediation strategies, May 2004 (copy provided in Appendix D).
- Mayer, K. E. and W. F. Laudenslayer, Jr., eds. 1988. A Guide to Wildlife Habitats of California. California Department of Forestry and Fire Protection, Sacramento, CA.